

TITLE OF THE INVENTION

Mobile Communication System Having Adaptively Assigned
Packet Rate

ABSTRACT OF THE DISCLOSURE

In a mobile communication system having a plurality of radio packet channels of different transmission rate with each other between a base station and a mobile station, undesirable interference to adjacent cells of adjacent base stations is decreased. Signal quality of a receive signal at a mobile station is measured, and the better said signal quality is, the higher packet channel is assigned. Thus, although signal quality is poor because of long distance between a base station and a mobile station, no increase of transmission power of a base station is requested. Thus, interference to adjacent cells is decreased. When high rate packet channel is selected, short packet transmission time may be assigned so that amount of data transmission is kept uniform in spite of said signal quality.

(Fig. 6)